

Inventor(s): Susan E. Bach et al.
For: POLARIZATION DIVISION DUPLEXING WITH CROSS POLARIZATION INTERFERENCE CANCELLER

BOX PATENT APPLICATION
ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

27431

(Insert Customer Number)

Sir:

Transmitted herewith for filing is the patent application of:

Enclosed are:

- 17 Pages of Specification 9 Page(s) of Claims 1 Page Abstract
4 Sheet(s) of drawing ☒ formal ☐ informal
☒ Combined Declaration for Patent Application and Power of Attorney. ☒ executed ☐ unexecuted
☒ Form PTO-1595 and an assignment of the invention to The Boeing Company, P.O. Box 3707, MC 13-08, Seattle, Washington 98124-2207 ☐ Will follow.
☐ A certified copy of _____ from which priority is claimed in the subject case pursuant to Rule 55b and 35 U.S.C. 119. ☐ Will follow.
☐ An associate Power of Attorney
☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
☒ Information Disclosure Statement, Form PTO 1449 and 5 prior art reference(s).
☐ Preliminary Amendment.
☒ General Authorization/Request to Petition for extension of time.
☒ Return Receipt Postcard

| FOR: | NO. FILED | NO. EXTRA | SMALL ENTITY RATE | SMALL ENTITY FEE | | OTHER THAN SMALL ENTITY RATE | OTHER THAN SMALL ENTITY FEE |
|--------------|-----------|-----------|-------------------|------------------|----|------------------------------|-----------------------------|
| BASIC FEE | | | | \$370.00 | OR | | \$ 740.00 |
| TOTAL CLAIMS | 27-20= | -7- | X 9 | \$ | OR | X 18 | \$ 126.00 |
| INDEP CLAIMS | 4-3= | -1- | X 42 | \$ | OR | X 84 | \$ 84.00 |
| MULTIPLE | | | X 140 | \$ | OR | + 280 | \$ |
| DEP CLAIMS | | | TOTAL = | | | TOTAL: | \$ 950.00 |
| PRESENTED | | | | | | | |

- ☐ Please charge my Deposit Account No. 50-0851 the amount of \$ _____ to cover the filing fees. A duplicate copy of this sheet is enclosed.
☒ A check in the amount of \$950.00 to cover the filing fee is enclosed.
☐ Please charge my Deposit Account No. 50-0851 amount of \$40.00 to cover the Assignment Recordal Fee.
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☐ The issue fee set in 37CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.31(b).
☐ Any filing fees under 37 CFR 1.16 for presentation or extra claims.

Respectfully submitted,

Michael A. Shimokaji, Reg. No. 72,303

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Susan E. Bach et al.

For: POLARIZATION DIVISION DUPLEXING WITH CROSS POLARIZATION INTERFERENCE
CANCELLER

CERTIFICATE OF EXPRESS MAILING

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

"EXPRESS MAIL" Mailing Label No.: EL887875090US

Date of Deposit: February 27, 2002

I hereby certify that an application for patent, including:

17 pages of Specification, 9 pages of claims, a one-page Abstract; 4 Sheet(s) of formal Drawings; Combined Declaration for Patent Application and Power of Attorney; General Authorization/Request to Petition for Extensions of Time; a check in the amount of \$950.00 to cover the filing fee; an executed Assignment document and Form PTO 1595; along with a check in the amount of \$40.00 to cover the assignment recordal fee; an Information Disclosure Statement and Form 1449 with five (5) prior art references; a Transmittal Letter (Form PTO 1082); and Return Postcard are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: 2/27/02

Michael A. Shimokaji
Michael A. Shimokaji, Reg. No. 32,303